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September 25 - 27, 2018
Amsterdam, The Netherlands

Edge Computing: Delivering on the Promise

Tools and Projects to make it all work

Thursday 27 September 2018



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Who we are.



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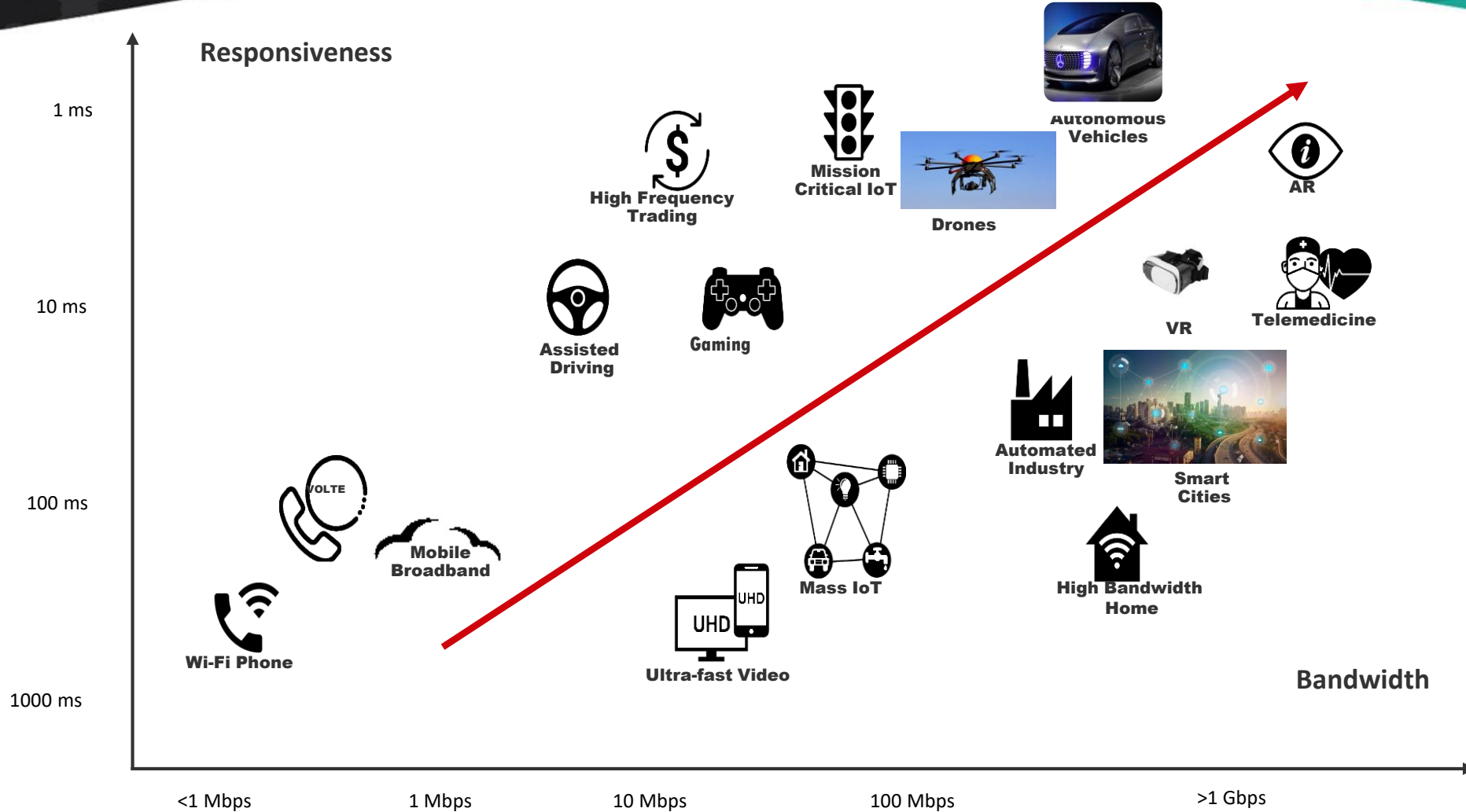


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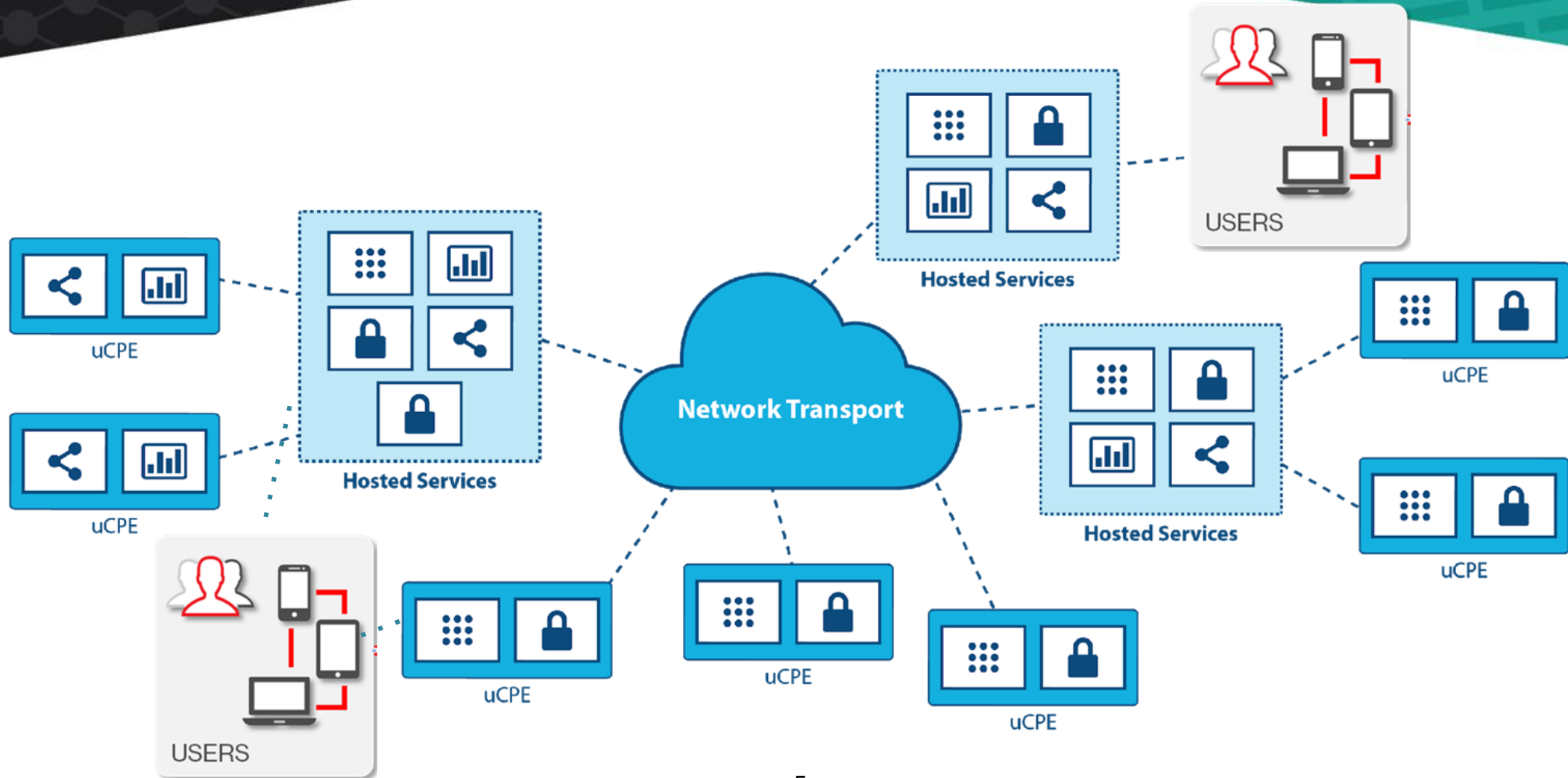
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Universal CPE Use Cases





Edge Use Case Architecture





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History of Edge Computing Activities

- OpenStack Summit, Boston, 2017 May: Verizon keynote on Taking OpenStack out to the Network Edges
- OpenDev, San Francisco, 2017 September: Presentations and working sessions with ~200 participants
- OSF Edge Computing Group formed and published White Paper March 2018
- Sydney OpenStack Summit, 2017 November
 - Edge related presentations and Forum sessions with discussions on the term 'edge computing'
- OpenStack PTG, Dublin, 2018 February: Focus on synchronization and transaction management
- ONS North America, Los Angeles, 2018 March
 - Introduction to wider Open Source community
 - Akraino project announced
- Vancouver OpenStack Summit, 2018 May
 - 24 Session Edge track and 4 related projects: Airship, StarlingX, Keystone and Glance
- OpenStack PTG, Denver, 2018 September:
 - Synchronization related design and minimum viable edge solution work continues...



Some Relevant Open Source Projects

→ Related OSF Projects

- OpenStack
 - Cyborg
 - Glance
 - Keystone
 - IoTronic - unofficial
- Airship
- StarlingX

→ Adjacent communities

- Akraino
- ONAP Edge Automation Group
- OPNFV Edge Cloud Project
- Kubernetes IoT Edge Working Group
- EdgeX Foundry

More info at https://wiki.openstack.org/wiki/Edge_Computing_Group



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Questions?



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More Resources and Information

Resource

[OpenStack Edge Computing web page](#)

[OpenStack Edge Computing mailing list](#)

Internet Relay Chat ([IRC](#);
<https://wiki.openstack.org/wiki/IRC>)

[OpenStack Marketplace](#)
(<https://www.openstack.org/marketplace/>)

[Complete OpenStack documentation](#)
(<https://docs.openstack.org/>)

[Welcome to the community!](#)
(<https://www.openstack.org/community/>)

[User groups](#) (<https://groups.openstack.org/>)

[OpenStack events](#)
(<https://www.openstack.org/community/events/>)

Overview

A central place to find pointers to videos of previous events, articles and further content on Edge Computing.

A forum for discussions concerning Edge and Edge Computing not exclusively to OpenStack.

[Massively Distributed Clouds](#) IRC [meetings](#) (online) are held in every two weeks (odd weeks), 1500 UTC on Wednesday, in IRC channel #openstack-meeting.

One-stop resource to the skilled global ecosystem for distributions, drivers, training, services and more.

Index to all documentation, for every role and step in planning and operating an OpenStack cloud.

Join mailing lists and IRC chat channels, find jobs and events, access the source code and more.

Find a user group near you, attend meetups and hackathons—or organize one!

Global schedule of events including the popular OpenStack Summits and regional OpenStack Days.